

TECHNICAL REVIEW COMMITTEE MEETING  
NAS ALAMEDA INSTALLATION RESTORATION PROGRAM

September 11, 1990

Personnel Present

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|------------------------|---|
| Amelia Duque           | NAS Alameda                                   |
| Virginia Felker-Thorpe | Public Affairs Officer, NAS Alameda           |
| Bella Dizon            | WESTDIV                                       |
| Alan Nakamura          | WESTDIV                                       |
| Jeff Johnson           | PRC Environmental Management, Inc.            |
| Steven Newton          | James M Montgomery Consulting Engineers, Inc. |
| CDR Steve Frederick    | XO NAS Alameda                                |
| Brian Jennison         | BAAQMD  |
| Scott Lutz             | BAAQMD  |
| Jim Babcock            | Canonie Environmental                         |
| Randy Cate             | NAS Alameda                                   |
| Roberta Hough          | Alameda Community Representative              |
| Lyn Stirewalt          | Alameda Community Representative              |
| Mark Malinowski        | Department of Health Services                 |
| William C. Allan       | Department of the Interior                    |
| Chip Demarest          | NOAA  |
| William Faulhaber      | Alameda County Environmental Health           |

Minutes of the Meeting

The meeting was opened by Virginia Felker-Thorpe at 9:00 AM. CDR Steve Frederick spoke briefly and introduced Randy Cate, Environmental Officer, NAS Alameda.

Randy Cate started the meeting with an overview of the project. The NACIP program began in 1980. By 1985, two investigations were completed at the NAS Alameda. Several soil and groundwater samples were collected throughout the base, and 4 areas were recommended for further study. These areas included the West Beach Landfill, the 1943-1956 Disposal Area, Building 360, and Area 97. The EPA and DHS later recommended that 20 sites, instead of 4, be studied. A Community Relations Plan was prepared and included provisions for a Citizens Advisory Committee and a Technical Review Committee (TRC).

Randy Cate briefly discussed individual sites within the base. Included in this discussion were the Old Refinery Site, Cans C-2 Area, Building 10, Building 459, Building 547, Building 5, the Seaplane Lagoon, and others. A SWAT was subsequently requested by the RWQCB for the two landfill sites. The SWAT will be incorporated with the RI/FS. The DHS is currently the lead agency. However, if NAS Alameda is put on the NPL list, the EPA will become the lead agency.

Randy Cate explained that the purpose of the TRC is to identify key issues, comment on proposed actions, and provide oversight on the work being performed. It also gives the public the chance to participate. A public member with a technical background is currently being sought from the California Academy of Sciences or a university. The TRC will meet approximately every 2-3 months.

Bella Dizon, Project Manager for remedial investigations at NAS Alameda, was introduced by Randy Cate. Bella Dizon explained that Phase I of the RI/FS has been completed. This includes preliminary exploratory work at the landfills, a radiological survey, geotechnical work, and six deep exploratory borings. Phase IIA is almost complete. Specifically, investigations of 7 sites east of the Seaplane Lagoon have been conducted. However, laboratory results have not been received.

The SWAT for the landfills (1943-1956 Disposal Area, and the West Beach landfill) will be the next phase conducted. Work will begin either late this year or early next year. After the SWAT, the area north of the Seaplane Lagoon will be investigated followed by the collection of bioassay and sediment samples in the wetlands. It is anticipated that all work will be completed in 1992. After these phases have been completed, work will focus on the remedial design.

Jim Babcock, with Canonie Environmental, summarized field activities. A radiological survey was conducted in the 1943-1956 Disposal Area. Results of the radiological survey and maximum contaminant levels from Title 22 were displayed to the TRC. In summary, no significant problems were identified. Jim Babcock then displayed a map showing the locations of survey points and the six deep exploratory borings.

Several labs were used for analyses. Results from one laboratory (CH2M Hill) have not been received. All data are currently being entered on a computer data base. Boring logs, in addition to laboratory analyses, are also being entered on a computer data base. Results of some geotechnical analyses will not be entered on the computer data base.

Canonie's field activities are currently being wrapped up. Monitoring wells and boring locations are being surveyed. The disposal of drums containing drill cuttings and purge water is being worked on.

### Questions and Answers

Chip Demarest mentioned that Title 22 list alpha and beta maximum contaminant levels (MCL) for water, but not for soil, and asked Jim Babcock if there are any MCL's for soil. Chip Demarest also suggested that physical descriptions of the samples analyzed, and the detection limit of the analysis, be included with the analytical reports.

Questions concerning air quality came up (because of one anomalously high gross beta analysis). Brian Jennison from the BAAQMD said he wasn't concerned about radium at the site because of the openness of the area and the short half-life of radium. Also, Brian Jennison said that the Air SWAT has been performed at the two landfills. The Navy is in the process of completing the Air Swat Report.

Questions came up regarding the timing of field activities for the SWAT. Bella Dizon said that the SWAT may not be conducted this fiscal year because of lack of funding, and that field activities may have to wait until the project was completely funded. The fiscal year ends in September. Comments were made that first quarter funding is often difficult to obtain. Mark Malinowski asked if an elemental approach to phases 5 and 6 could be taken so that the project could continue and not come to a stop because of lack of funding. Bella Dizon said she would check into this.

Next meeting will be held in 2-3 months

Meeting adjourned at 10:45 AM